

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017710.D
 Acq On : 23 Dec 2020 14:24
 Operator : SY/VA
 Sample : L5192-01
 Misc : 7.18G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-122220

Quant Time: Dec 24 01:36:27 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

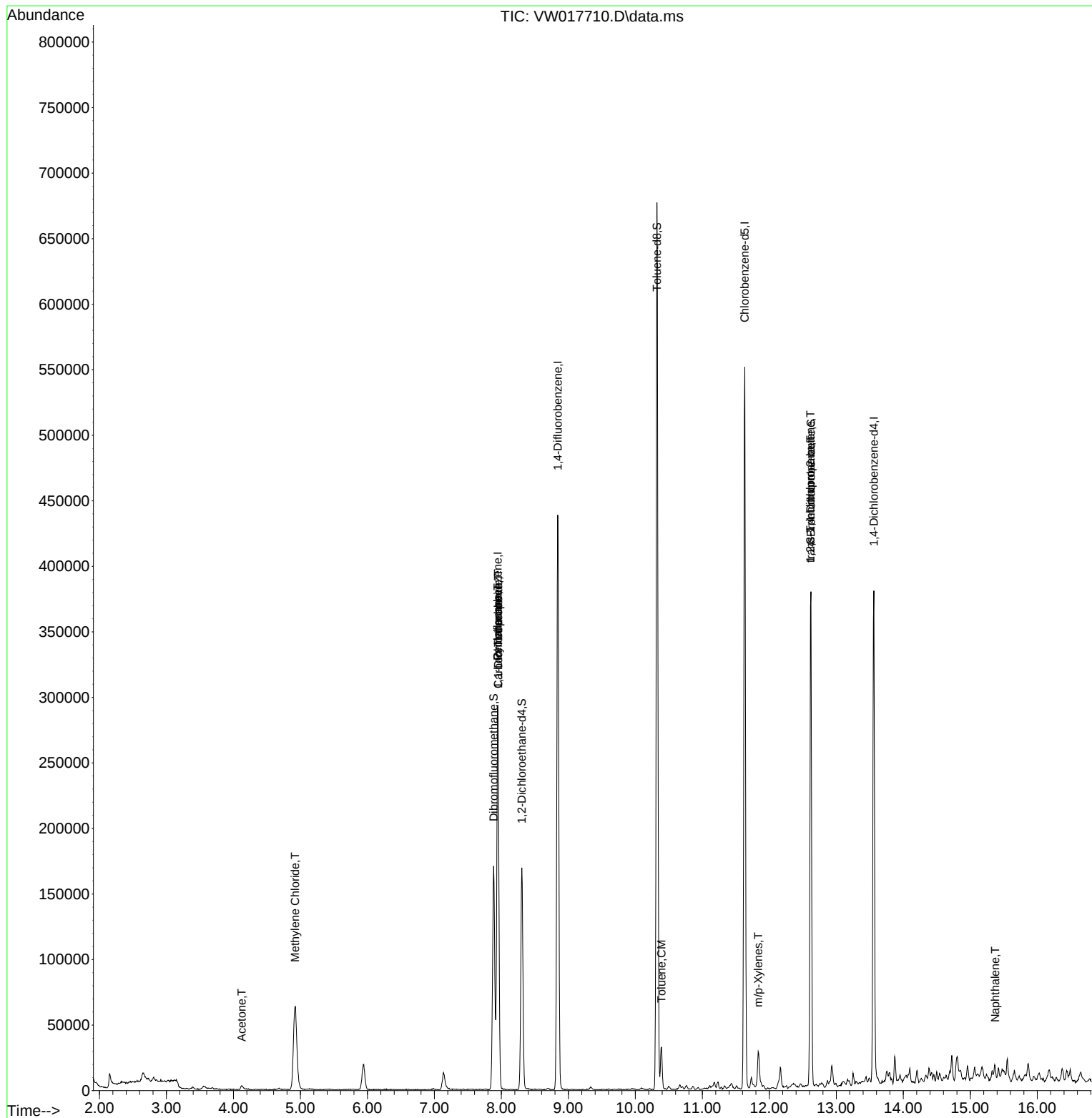
Internal Standards						
1) Pentafluorobenzene	7.945	168	203199	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	363355	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	287715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	93457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	132989	53.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.46%	
35) Dibromofluoromethane	7.884	113	113831	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
50) Toluene-d8	10.323	98	430424	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
62) 4-Bromofluorobenzene	12.621	95	120861	36.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.32%	
Target Compounds						
11) Tert butyl alcohol	5.171	59	347	Below Cal	#	91
16) Acetone	4.123	43	5041	9.36	ug/l	# 88
20) Methylene Chloride	4.921	84	54320	20.39	ug/l	86
26) 2,2-Dichloropropane	7.183	77	78	Below Cal	#	50
31) Cyclohexane	7.945	56	5690	1.33	ug/l	# 43
36) 1,1-Dichloropropene	7.951	75	18831	4.95	ug/l	# 47
38) Carbon Tetrachloride	7.951	117	21715	5.68	ug/l	# 12
52) Toluene	10.390	92	12938	1.96	ug/l	98
68) m/p-Xylenes	11.835	106	7825	1.79	ug/l	98
76) 1,2,3-Trichloropropane	12.615	75	67563	75.10	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	67563	152.16	ug/l	# 11
95) Naphthalene	15.371	128	8330	2.27	ug/l	# 92

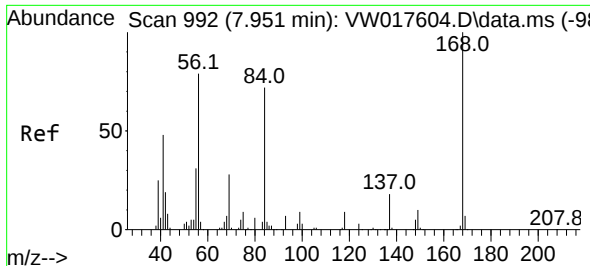
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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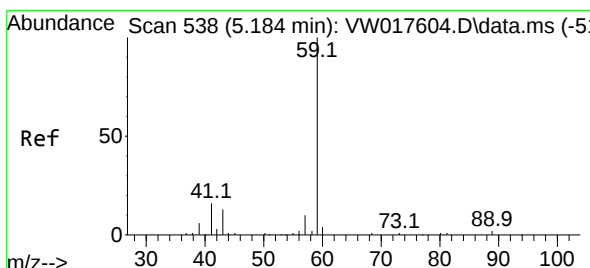
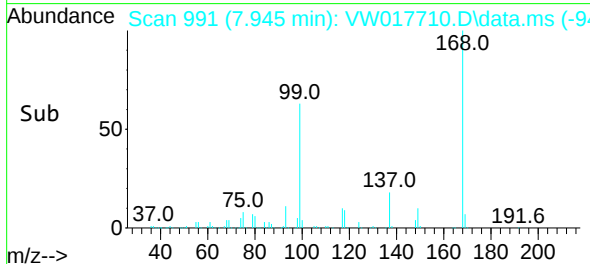
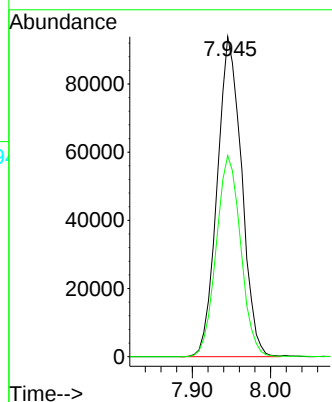
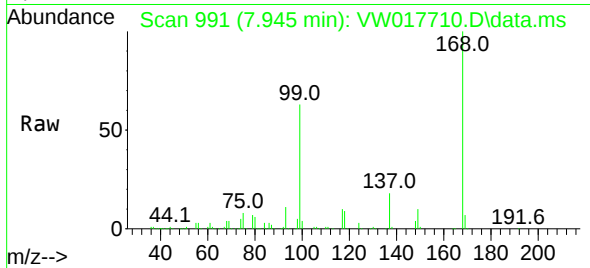




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

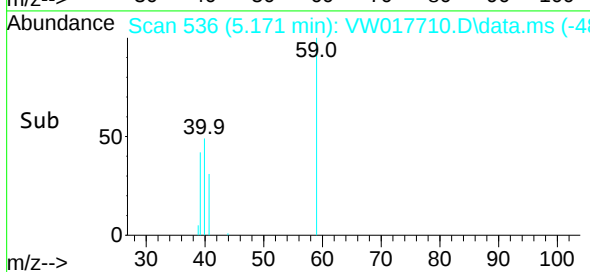
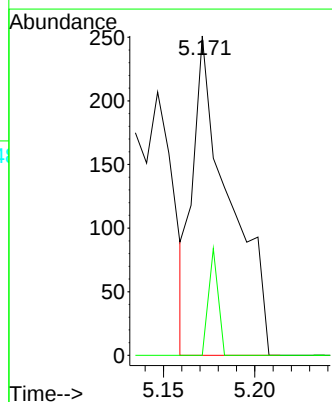
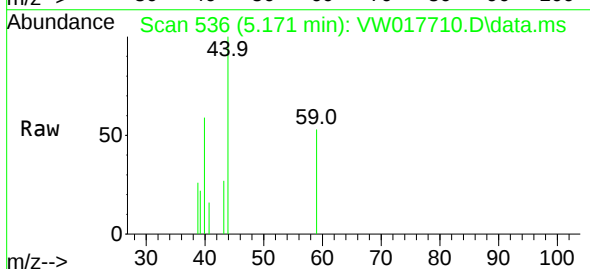
Instrument :
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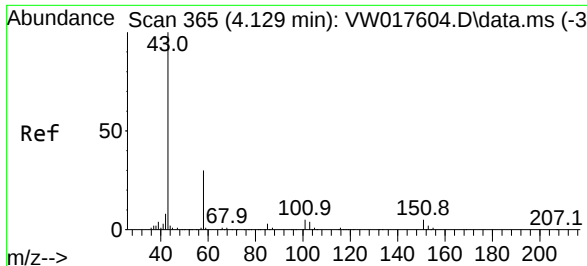
Tgt Ion:168 Resp: 203199
Ion Ratio Lower Upper
168 100
99 62.9 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.171 min Scan# 536
Delta R.T. -0.013 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 59 Resp: 347
Ion Ratio Lower Upper
59 100
57 8.9 4.7 7.1#

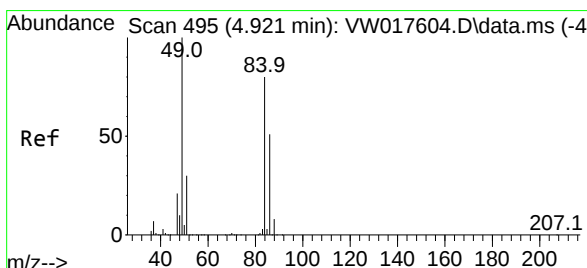
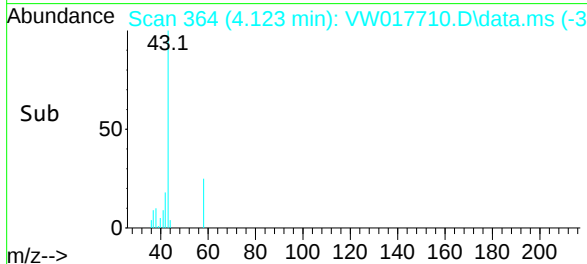
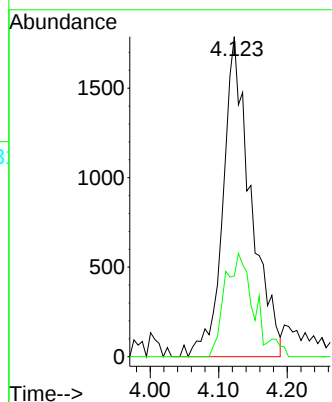
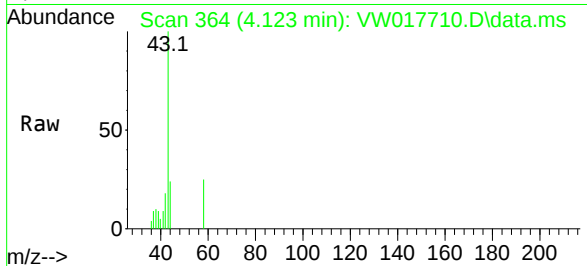




#16
Acetone
Concen: 9.36 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

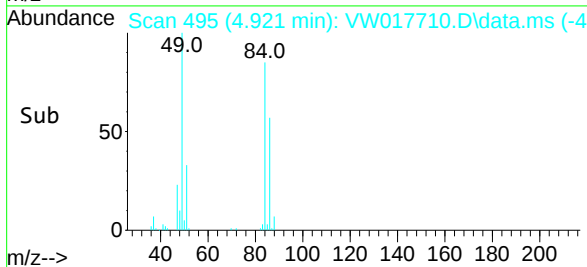
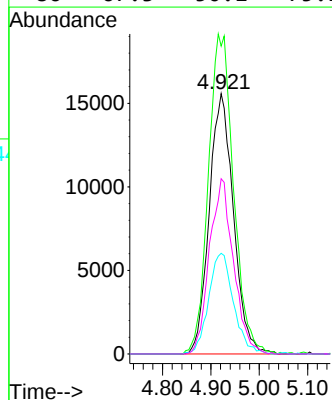
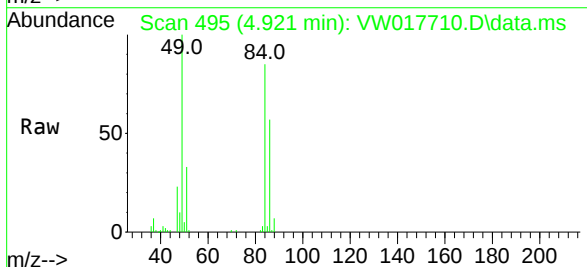
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

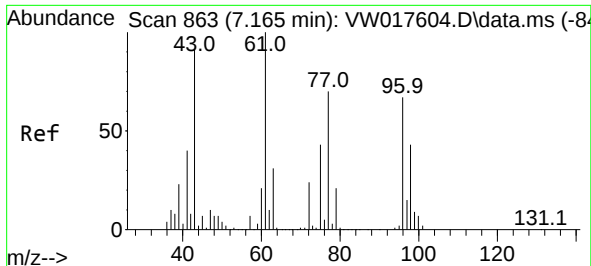
Tgt Ion: 43 Resp: 5041
Ion Ratio Lower Upper
43 100
58 25.2 25.7 38.5#



#20
Methylene Chloride
Concen: 20.39 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 84 Resp: 54320
Ion Ratio Lower Upper
84 100
49 118.2 79.0 118.6
51 38.7 26.1 39.1
86 67.3 50.1 75.1

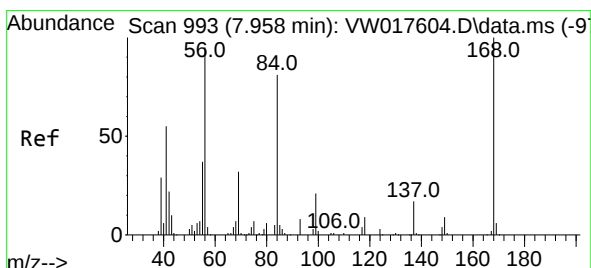
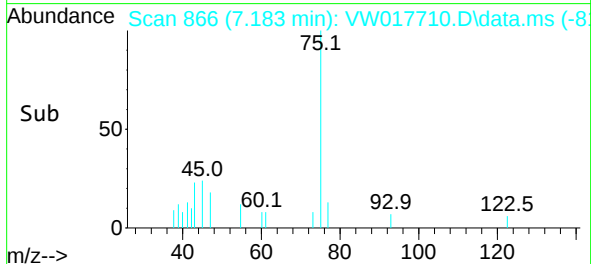
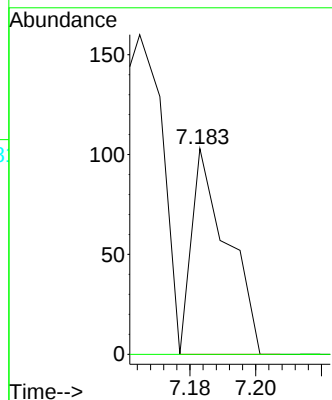
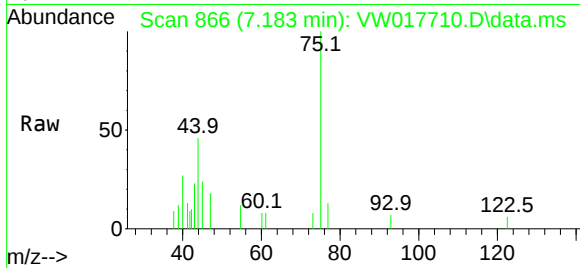




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.183 min Scan# 866
Delta R.T. 0.018 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

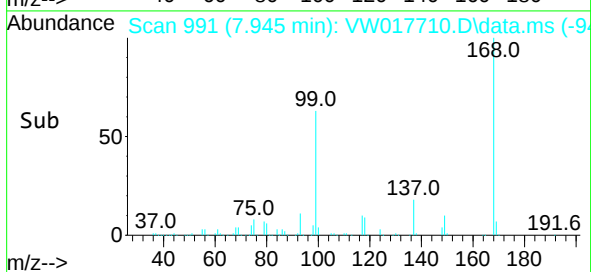
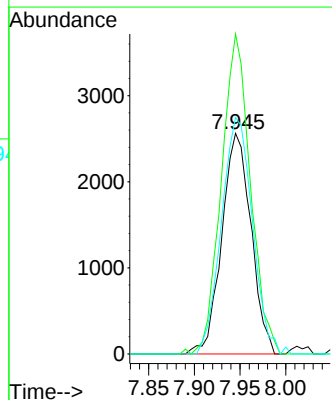
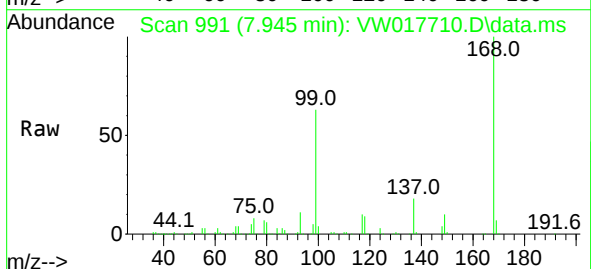
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

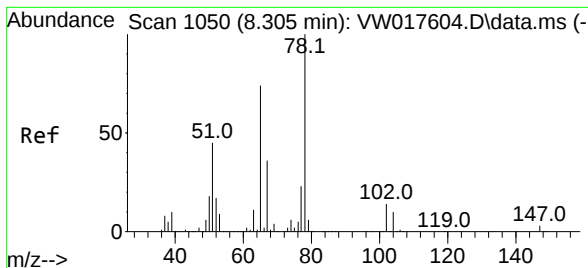
Tgt Ion: 77 Resp: 78
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 56 Resp: 5690
Ion Ratio Lower Upper
56 100
69 145.1 29.3 43.9#
84 112.1 80.5 120.7

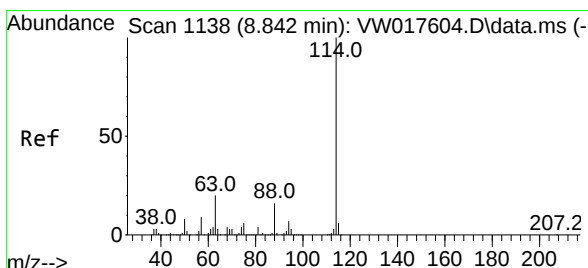
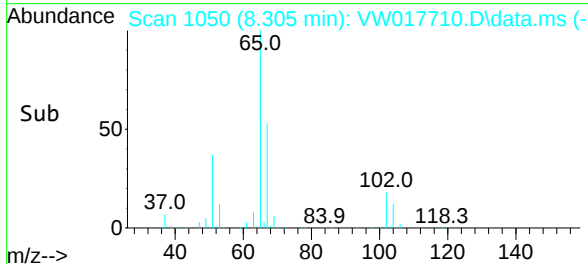
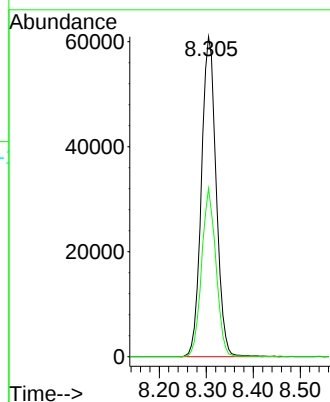
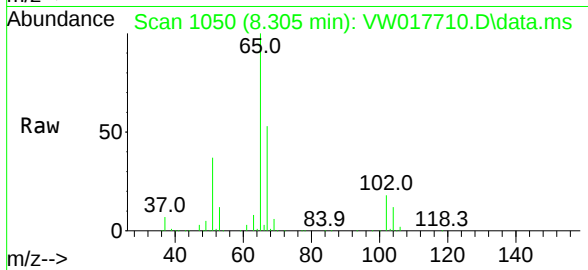




#33
1,2-Dichloroethane-d4
Concen: 53.73 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

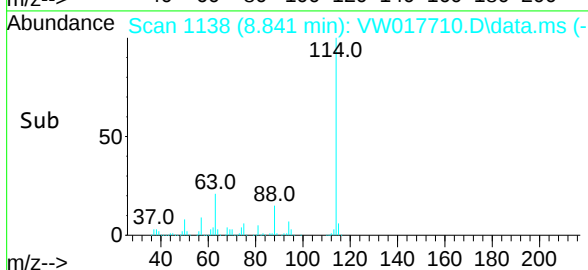
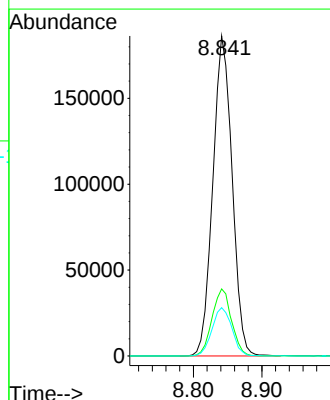
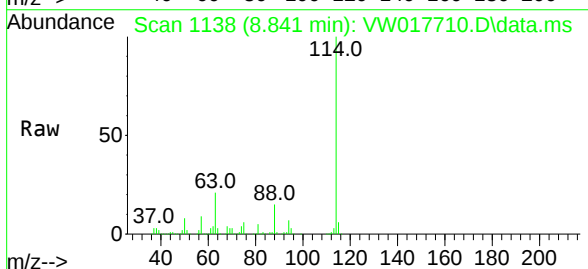
Instrument :
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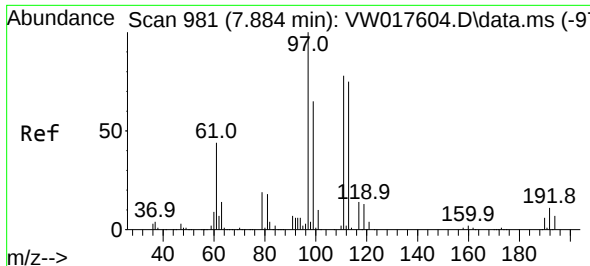
Tgt Ion: 65 Resp: 132989
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 114 Resp: 363355
Ion Ratio Lower Upper
114 100
63 20.9 0.0 35.6
88 15.1 0.0 30.4

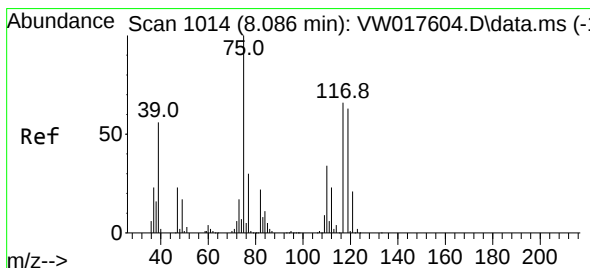
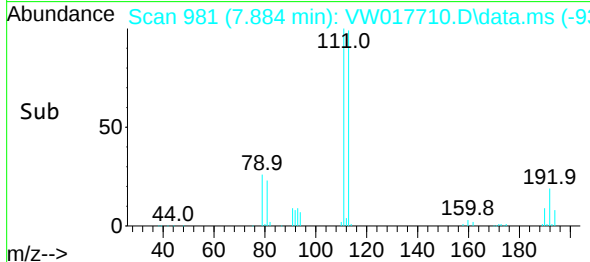
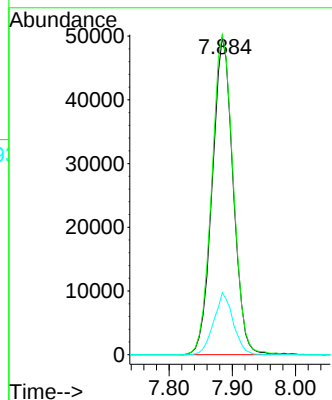
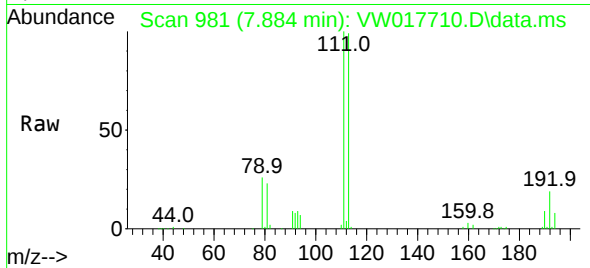




#35
Dibromofluoromethane
Concen: 47.34 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

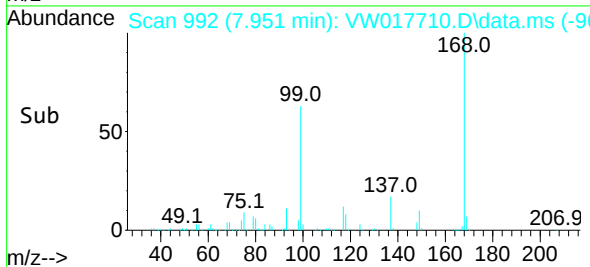
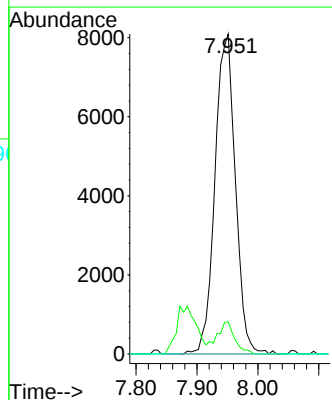
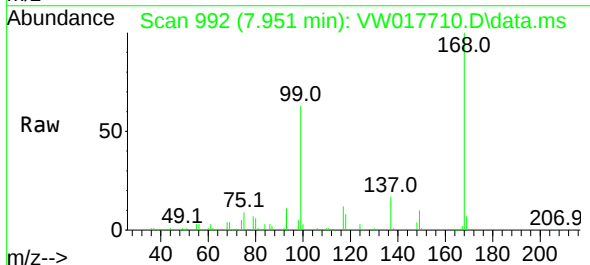
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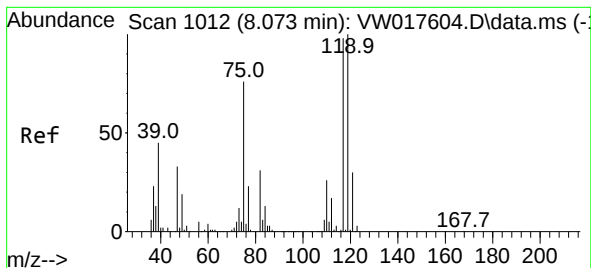
Tgt Ion:113 Resp: 113831
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.2
192 18.2 17.8 26.8



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 18831
Ion Ratio Lower Upper
75 100
110 7.7 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.68 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.122 min

Lab File: VW017710.D

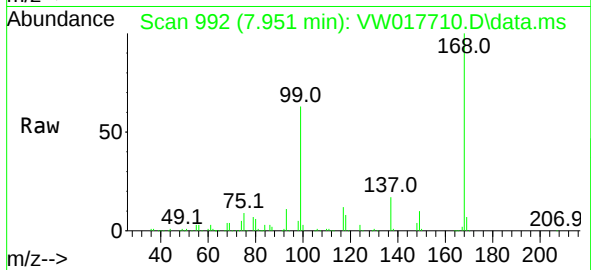
Acq: 23 Dec 2020 14:24

Instrument :

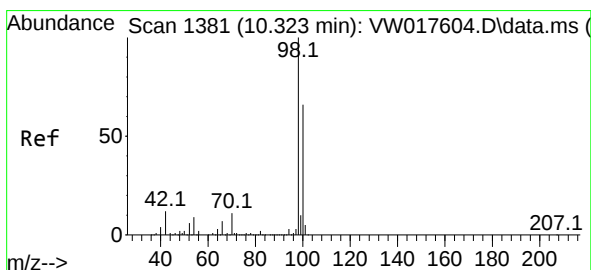
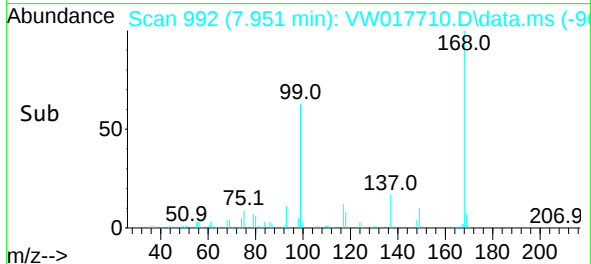
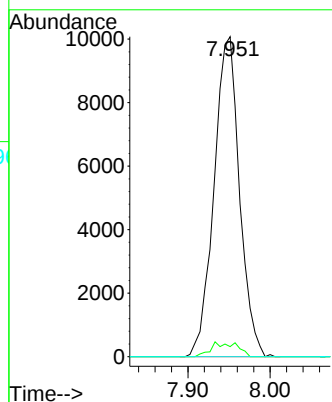
MSVOA_W

ClientSampleId :

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Tgt Ion:	117	Resp:	21715
Ion	Ratio	Lower	Upper
117	100		
119	3.2	81.6	122.4#
121	0.0	25.7	38.5#



#50

Toluene-d8

Concen: 45.98 ug/l

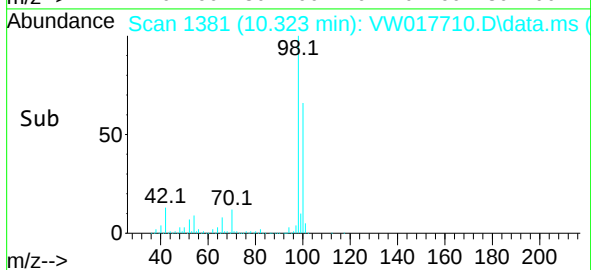
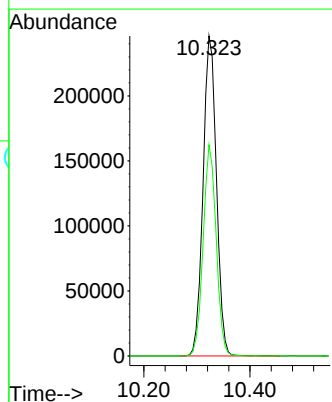
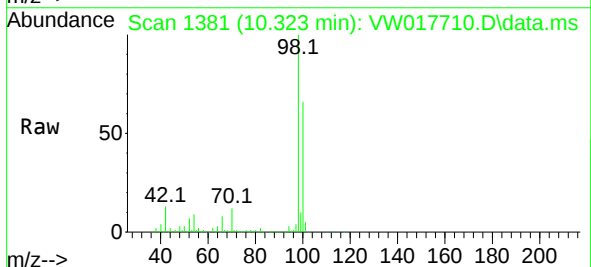
RT: 10.323 min Scan# 1381

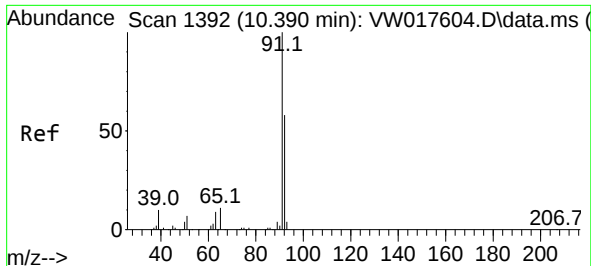
Delta R.T. -0.000 min

Lab File: VW017710.D

Acq: 23 Dec 2020 14:24

Tgt Ion:	98	Resp:	430424
Ion	Ratio	Lower	Upper
98	100		
100	64.4	53.3	79.9

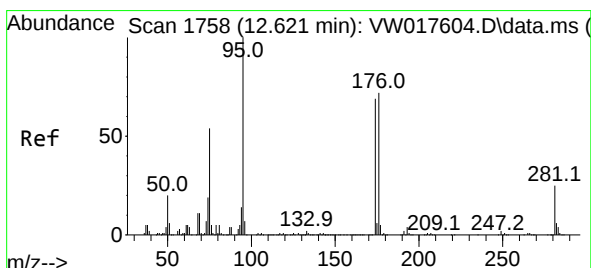
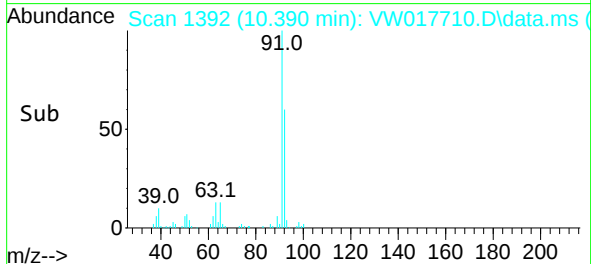
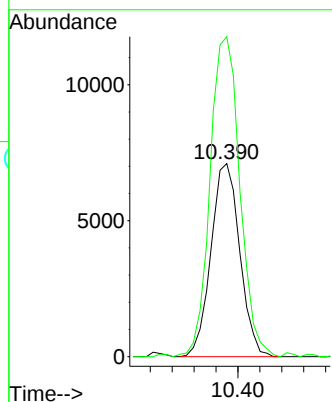
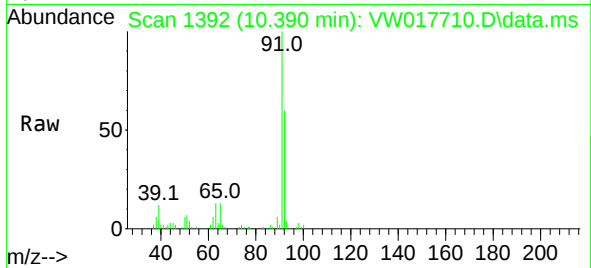




#52
Toluene
Concen: 1.96 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

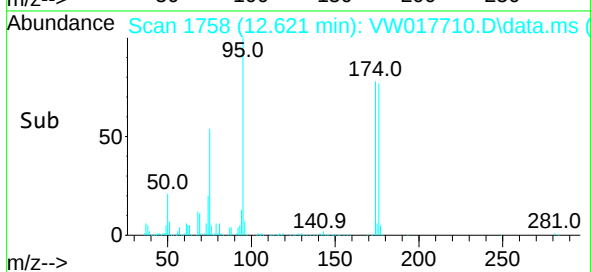
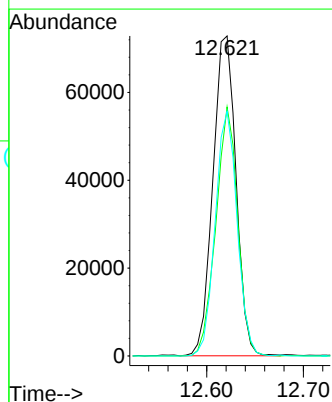
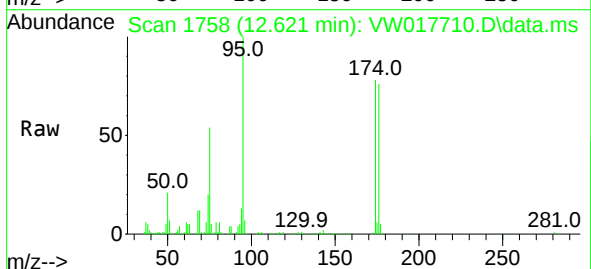
Instrument :
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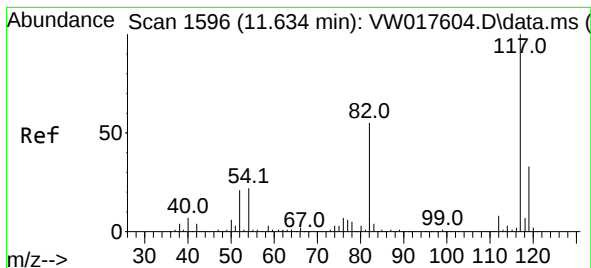
Tgt Ion: 92 Resp: 12938
Ion Ratio Lower Upper
92 100
91 171.4 134.7 202.1



#62
4-Bromofluorobenzene
Concen: 36.16 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 95 Resp: 120861
Ion Ratio Lower Upper
95 100
174 73.4 0.0 180.6
176 72.6 0.0 177.6

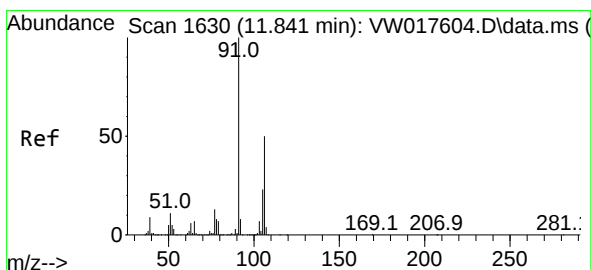
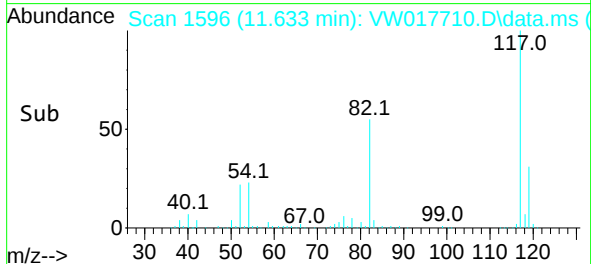
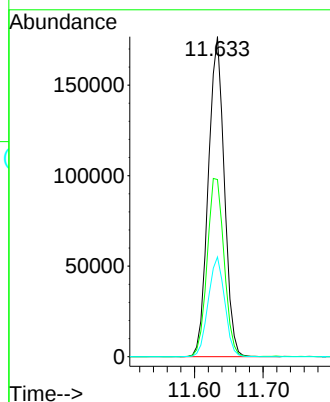
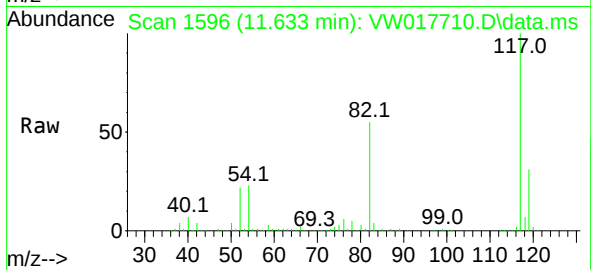




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

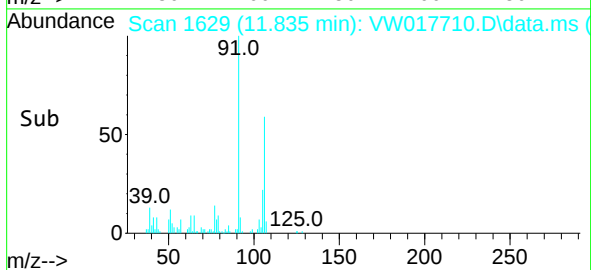
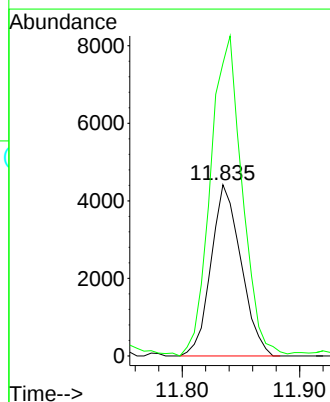
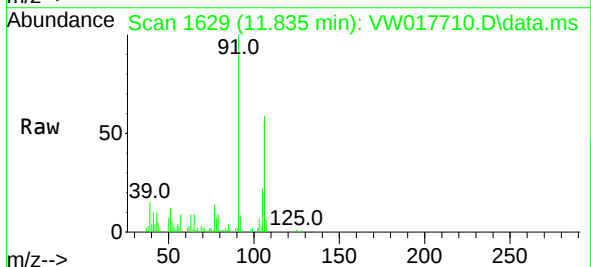
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

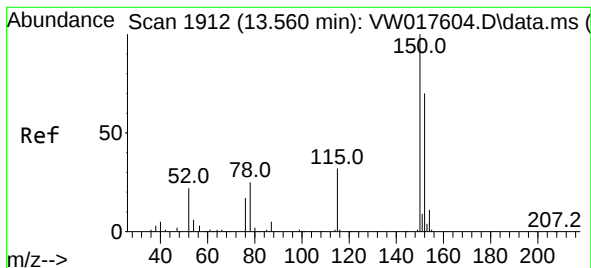
Tgt Ion:117 Resp: 287715
Ion Ratio Lower Upper
117 100
82 55.4 40.7 61.1
119 31.2 25.0 37.4



#68
m/p-Xylenes
Concen: 1.79 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion:106 Resp: 7825
Ion Ratio Lower Upper
106 100
91 194.0 157.4 236.0

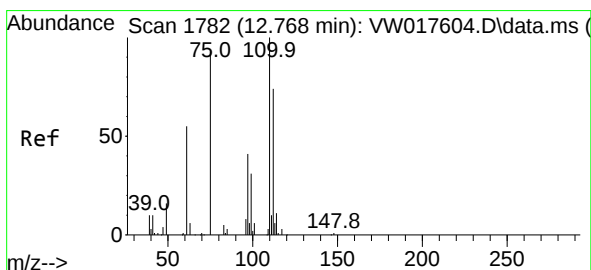
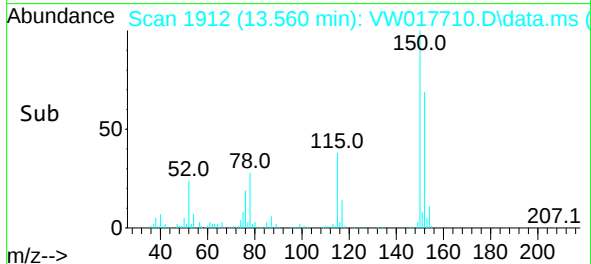
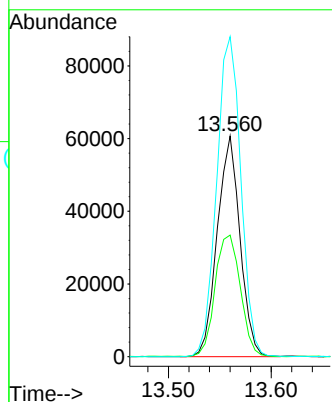
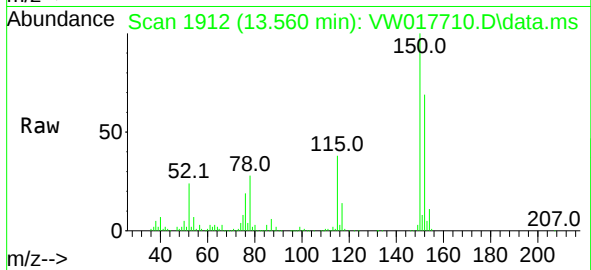




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

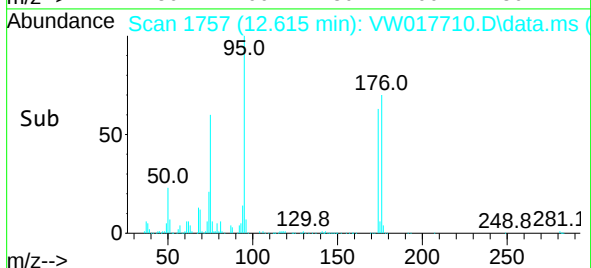
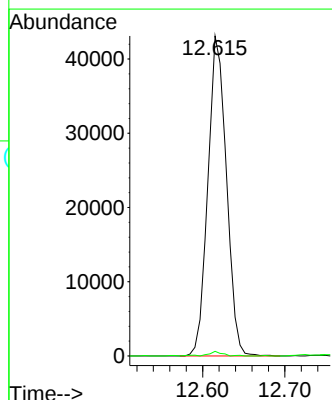
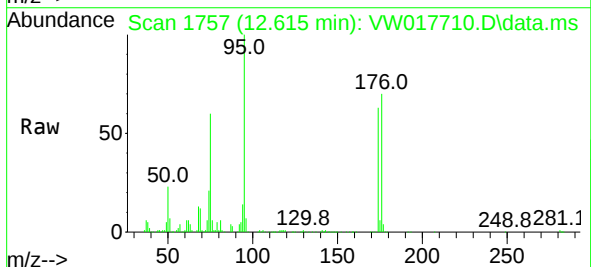
Instrument :
MSVOA_W
ClientSampled :
CL-02-122220

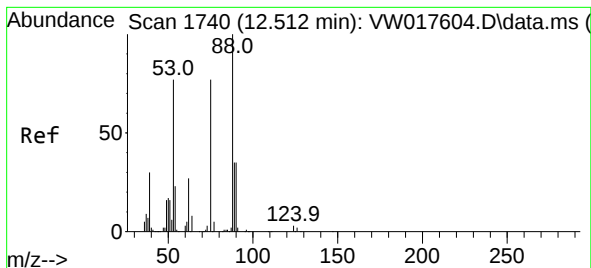
Tgt Ion:152 Resp: 93457
Ion Ratio Lower Upper
152 100
115 61.2 27.9 83.7
150 154.0 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 75.10 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 75 Resp: 67563
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#

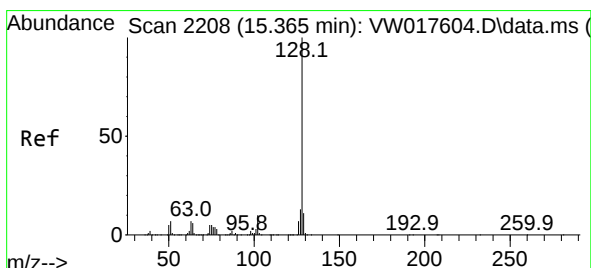
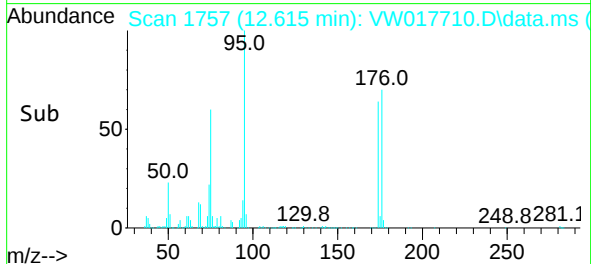
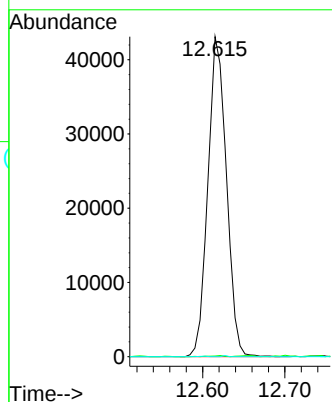
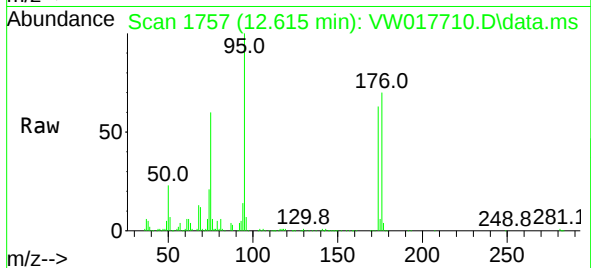




#81
trans-1,4-Dichloro-2-butene
Concen: 152.16 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

Tgt Ion: 75 Resp: 67563
Ion Ratio Lower Upper
75 100
53 0.3 77.0 115.4#
89 0.1 38.7 58.1#



#95
Naphthalene
Concen: 2.27 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017710.D
Acq: 23 Dec 2020 14:24

Tgt Ion: 128 Resp: 8330
Ion Ratio Lower Upper
128 100
127 15.2 10.4 15.6
129 14.7 8.6 12.8#

